



1763.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Chen, et al.

Serial No.: 10/032,284

Confirmation No.: 4034

Filed: December 21, 2001

GAS DELIVERY APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

Group Art Unit: 1763

Examiner: Moore, Karla A.

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Dear Sir:

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37 CFR 1.8

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

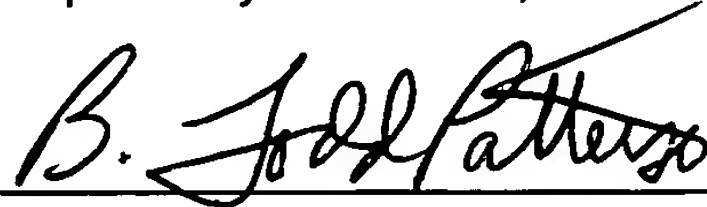
While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/5192.02 /CPI/COPPER/PJS/BTP.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B. Todd Patterson", is written over a horizontal line.

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4

Application Number

10/032,284

Filing Date

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First Named Inventor

Ling Chen, et al.

Group Art Unit

1763

Examiner Name

Moore, Karla A.

Attorney Docket Number

AMAT/5192.02/CPI/COPPER/PJS

Submission Date

February 17, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-6660126 B2	12/09/2003	Nguyen, et al.	
	A2	US-6630030 B1	10/07/2003	Suntola, et al.	
	A3	US-6579372 B2	06/17/2003	Park	
	A4	US-6578287 B2	06/17/2003	Aswad	
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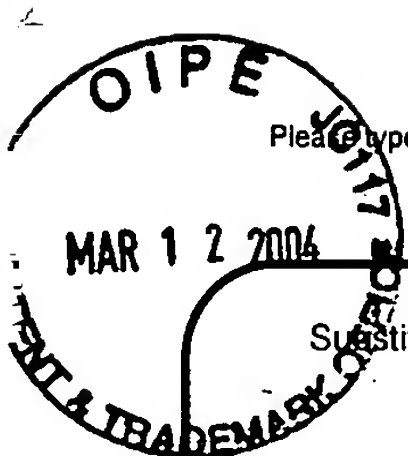
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		Number-Kind Code ² (if known)				
	B1	WO 02/45871 A1	06/13/2002	Angstrom Systems, Inc.		
	B2	WO 02/08488 A1	01/31/2002	ASM Microchemistry OY		
	B3	WO 01/36702 A1	05/25/2001	Genitech Co., Ltd.		
	B4	WO 01/17691 A1	03/15/2001	ASM America, Inc.		
	B5	WO 00/79576 A1	12/28/2000	Genitech, Inc.		

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Sheet 2

of 4

Application Number	10/032,284
Filing Date	December 21, 2001
First Named Inventor	Ling Chen, et al.
Group Art Unit	1763
Examiner Name	Moore, Karla A.
Attorney Docket Number	AMAT/5192.02/CPI/COPPER/PJS
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		Number-Kind Code ² (if known)			
	A1	US-20040011404 A1	01/22/2004	Ku, et al.	
	A2	US-20030224107 A1	01/29/1991	Hey et al.	
	A3	US-20030213560 A1	11/20/2003	Wang, et al.	
	A4	US-20030198754 A1	10/23/2003	Xi, et al.	
	A5	US-20030194493 A1	10/16/2003	Chang, et al.	
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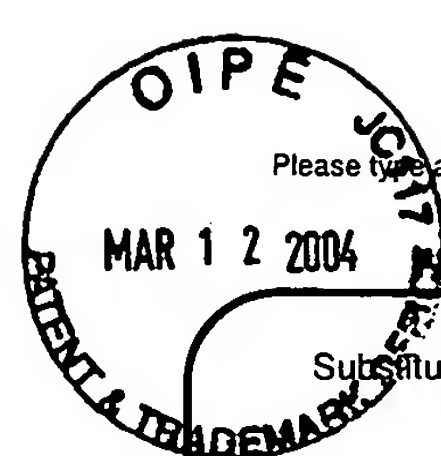
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	B1	WO 00/54320	09/14/2000	Genus, Inc.		
	B2	WO 99/65064	12/16/1999	A.S.M. International N.V.		
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	B4	WO 96/17107	06/06/1996	Milrokemia OY		
	B5	JP 2000-212752	08/02/2000			

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	A2	US-20030023338 A1	01/30/2003	Chin, et al.	
	A3	US-20030010451 A1	01/16/2003	Tzu, et al.	
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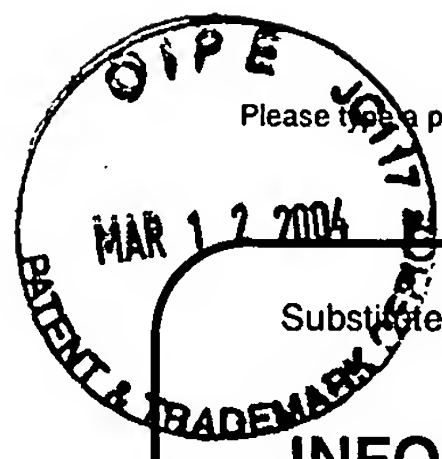
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	B1	EP 1 167 569 A1	01/02/2002	IPS Limited		
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	A2	US-20020066411 A1	06/06/2002	Chiang, et al.	
	A3	US-20020052097 A1	05/02/2002	Park	
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	A11	US-			
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